4/27/84
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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 **For Week Ended** April 20, 1984 **NO.** 16

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 04/20/84	Last Week Ending: 04/13/84	Last Year Week Ending: 04/22/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,271	12,067	11,905	204	366
Operable capacity	16,270	16,270	16,854	0	-584
Percent operated	75.4	74.2	70.6		
Motor Gasoline					
Total motor gasoline production	6,457	6,646	6,359	-189	98
Finished leaded motor gasoline production	2,769	2,660	2,833	109	-64
Finished unleaded motor gasoline production	3,688	3,986	3,526	-298	162
Total motor gasoline stocks	249,614	249,564	225,045	50	24,569
Finished leaded motor gasoline stocks	100,905	100,631	91,563	274	9,342
Finished unleaded motor gasoline stocks	106,742	105,318	92,107	1,424	14,635
Distillate Fuel Oil					
Distillate fuel oil production	2,403	2,406	2,340	-3	63
Distillate fuel oil stocks	100,336	102,096	112,919	-1,760	-12,583
Residual Fuel Oil					
Residual fuel oil production	837	777	1,021	60	-184
Residual fuel oil stocks	45,386	46,004	45,249	-618	137
Imports					
Crude oil imports	3,596	3,524	3,171	72	425
Product imports	1,310	1,462	1,230	-152	80
Crude Oil Stocks					
Crude oil stocks	345,582	346,812	352,173	-1,230	-6,591

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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STATISTICS DEPARTMENT
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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	975	798	822	1,229	66.9
Appal. No. 1	102	98	99	177	55.9
DISTRICT 1 TOTAL	1,077	896	921	1,406	65.5
Appal. No. 2	63	57	61	66	92.4
Ind., Ill., Ky.	1,806	1,697	1,697	2,356	72.0
Minn., Wis., Daks.	299	281	295	296	99.7
Okla., Kans., Mo.	773	697	702	777	90.3
DISTRICT 2 TOTAL	2,941	2,732	2,755	3,495	78.8
Inland Texas	511	511	523	585	89.4
Texas Gulf Coast	3,309	2,925	2,965	3,907	75.9
La. Gulf Coast	2,163	1,942	2,013	2,890	69.7
N. La. and Ark.	190	174	174	286	60.8
New Mexico	97	90	90	105	85.7
DISTRICT 3 TOTAL	6,270	5,642	5,765	7,773	74.2
DISTRICT 4 TOTAL	442	449	451	536	84.1
DISTRICT 5 TOTAL	2,434	2,312	2,379	3,060	77.7
TOTAL U.S.	13,164	12,031	12,271	16,270	75.4
TOTAL U.S.					
Weeks Ended:					
APR. 13, 1984	12,843	11,894	12,067	16,270	74.2
APR. 22, 1983	12,871	11,599	11,905	16,854	70.6
DISTRICTS 1-4					
Weeks Ended:					
APR. 20, 1984	10,730	9,719	9,892	13,210	74.9
APR. 13, 1984	10,558	9,709	9,844	13,210	74.5
APR. 22, 1983	10,746	9,677	9,943	13,771	72.2

API WEEKLY STATISTICAL BULLETIN
Week Ended April 20, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	432	165	267	11	31	184	77
Appal. No. 1	32	15	17	3	--	28	5
DISTRICT 1 TOTAL	464	180	284	14	31	212	82
Appal. No. 2	45	24	21	1	--	15	3
Ind., Ill., Ky.	1,010	399	611	12	98	329	42
Minn., Wis., Daks.	144	77	67	8	21	43	--
Okla., Kans., Mo.	424	235	189	6	29	199	16
DISTRICT 2 TOTAL	1,623	735	888	27	148	586	61
Inland Texas	283	132	151	24	30	132	36
Texas Gulf Coast	1,564	662	902	18	202	532	245
La. Gulf Coast	1,147	396	751	29	200	377	99
N. La. and Ark.	60	32	28	3	--	50	9
New Mexico	39	20	19	15	3	28	1
DISTRICT 3 TOTAL	3,093	1,242	1,851	89	435	1,119	390
DISTRICT 4 TOTAL	235	134	101	14	27	109	11
DISTRICT 5 TOTAL	1,042	478	564	51	267	377	293
TOTAL U.S.	6,457	2,769	3,688	195	908	2,403	837
TOTAL U.S. Weeks Ended:							
APR. 13, 1984	6,646	2,660	3,986	143	837	2,406	777
APR. 22, 1983	6,359	2,833	3,526	213	789	2,340	1,021
DISTRICTS 1-4 Weeks Ended:							
APR. 20, 1984	5,415	2,291	3,124	144	641	2,026	544
APR. 13, 1984	5,570	2,238	3,332	102	606	2,027	469
APR. 22, 1983	5,433	2,434	2,999	138	604	2,043	631

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,541	2,942	2,598	1	113	524	3,229	1,225	--
Central Atlantic	33,951	14,751	14,470	4,730	172	4,147	16,341	15,963	13,649
Lower Atlantic	29,693	13,006	16,398	289	329	3,679	10,977	3,838	553
DISTRICT 1 TOTAL	69,185	30,699	33,466	5,020	614	8,350	30,547	21,026	14,202
DISTRICT 2 TOTAL	70,967	32,141	30,719	8,107	1,694	7,462	31,558	3,884	20,694
DISTRICT 3 TOTAL	72,722	24,350	29,022	19,350	1,994	10,042	24,011	11,574	53,572
DISTRICT 4 TOTAL	8,705	4,194	2,232	2,279	315	792	3,350	388	2,844
DISTRICT 5 TOTAL	28,035	9,521	11,303	7,211	1,589	6,345	10,870*	8,514*	26,872
TOTAL U.S.	249,614	100,905	106,742	41,967	6,206	32,991	100,336	45,386	118,184
TOTAL U.S.									
Weeks Ended:									
APR. 13, 1984	249,564	100,631	105,318	43,615	6,186	33,906	102,096*	46,004*	115,535
APR. 22, 1983	225,045	91,563	92,107	41,375	6,519	35,003	112,919	45,249	114,301
DISTRICTS 1-4									
Weeks Ended:									
APR. 20, 1984	221,579	91,384	95,439	34,756	4,617	26,646	89,466	36,872	91,312
APR. 13, 1984	222,061	92,033	93,671	36,357	4,561	27,782	90,990	37,246	88,575
APR. 22, 1983	198,853	82,410	81,556	34,887	4,994	28,773	101,965	36,006	86,843

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

* See revisions on page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended April 20, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Latest Dept. of Energy Nov. 1983	Crude Oil Imports[1] Total	From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
APR. 20, 1984	5,824.8	5,903.0	3,347	350	263,718
APR. 13, 1984	5,824.8	--	3,334*	334	266,295
APR. 6, 1984	5,822.3	--	2,795	164	256,529
MAR. 30, 1984	5,822.3	--	3,034	358	252,177
DISTRICT 5 TOTAL					
APR. 20, 1984	2,890.4	2,834.0	249	32	81,864 ‡
APR. 13, 1984	2,890.4	--	190	22	80,517
APR. 6, 1984	2,687.4	--	171	--	83,401
MAR. 30, 1984	2,687.4	--	169	22	79,139
TOTAL U.S.					
APR. 20, 1984	8,715.2	8,737.0	3,596	382	345,582 ‡
APR. 13, 1984	8,715.2	--	3,524*	356	346,812
APR. 6, 1984	8,509.7	--	2,966	164	339,930
MAR. 30, 1984	8,509.7	--	3,203	380	331,316
APR. 22, 1983	8,717.0/a	--	3,171	205	352,173

‡INCLUDES 27,190 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/a - DOE actual for April 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
APR. 20, 1984	15,563	76,371	157,132	14,652	263,718	81,864 ‡	345,582 ‡
APR. 13, 1984	16,357	76,481	158,699	14,758	266,295	80,517	346,812
APR. 22, 1983	16,726	80,063	152,972	15,095	264,856	87,317	352,173

[1]See definitional notes, Page 6.

* See revisions on page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended April 20, 1984

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	27	30	11	--	--	68
Central Atlantic	--	--	--	13	5	109	289	--	70	43	529
Lower Atlantic	106	63	43	--	--	9	57	--	--	26	198
DISTRICT 1 TOTAL											
APR. 20, 1984	106	63	43	13	5	145	376	11	70	69	795
APR. 13, 1984	250	120	130	--	25	119	381	6	113	77	971
APR. 6, 1984	215	72	143	--	33	115	465	12	76	--	916
MAR. 30, 1984	313	89	224	--	28	105	631	22	185	--	1,284
DISTRICTS 2-4 TOTAL											
APR. 20, 1984	8	8	--	--	--	5	67	151	167	29	427
APR. 13, 1984	12	12	--	33	--	26	103	113	98	28	413
APR. 6, 1984	11	11	--	--	--	--	45	150	104	4	314
MAR. 30, 1984	16	16	--	--	--	10	53	246	82	--	407
DISTRICT 5 TOTAL											
APR. 20, 1984	45	30	15	--	2	2	18	11	--	10	88
APR. 13, 1984	28	10	18	--	2	4	18	16	--	10	78
APR. 6, 1984	23	6	17	--	--	--	18	13	--	17	71
MAR. 30, 1984	46	29	17	--	2	3	18	14	--	21	104
TOTAL U.S.	159	101	58	13	7	152	461	173	237	108	1,310
TOTAL U.S. Weeks Ended:											
APR. 13, 1984	290	142	148	33	27	149	502	135	211	115	1,462
APR. 6, 1984	249	89	160	--	33	115	528	175	180	21	1,301
MAR. 30, 1984	375	134	241	--	30	118	702	282	267	21	1,795
APR. 22, 1983	189	111	78	--	17	70	571	70	143	170	1,230

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

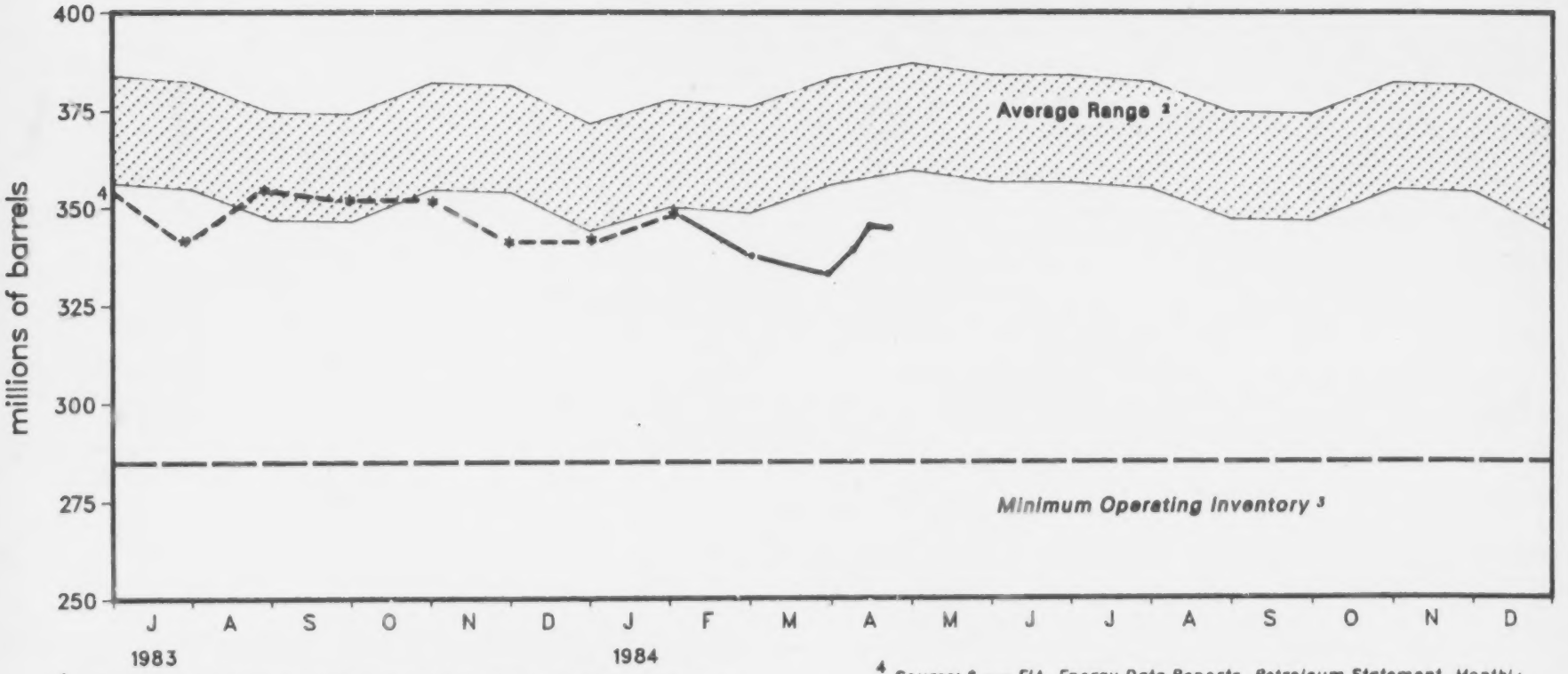
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

04/13/84	PAGE 3	DISTILLATE FUEL	DISTRICT 5 TOTAL	11,106
			TOTAL U.S.	102,096
		RESIDUAL FUEL	DISTICT 5 TOTAL	8,758
			TOTAL U.S.	46,004
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	3,334
			TOTAL U.S.	3,524

Week Ended April 20, 1984

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

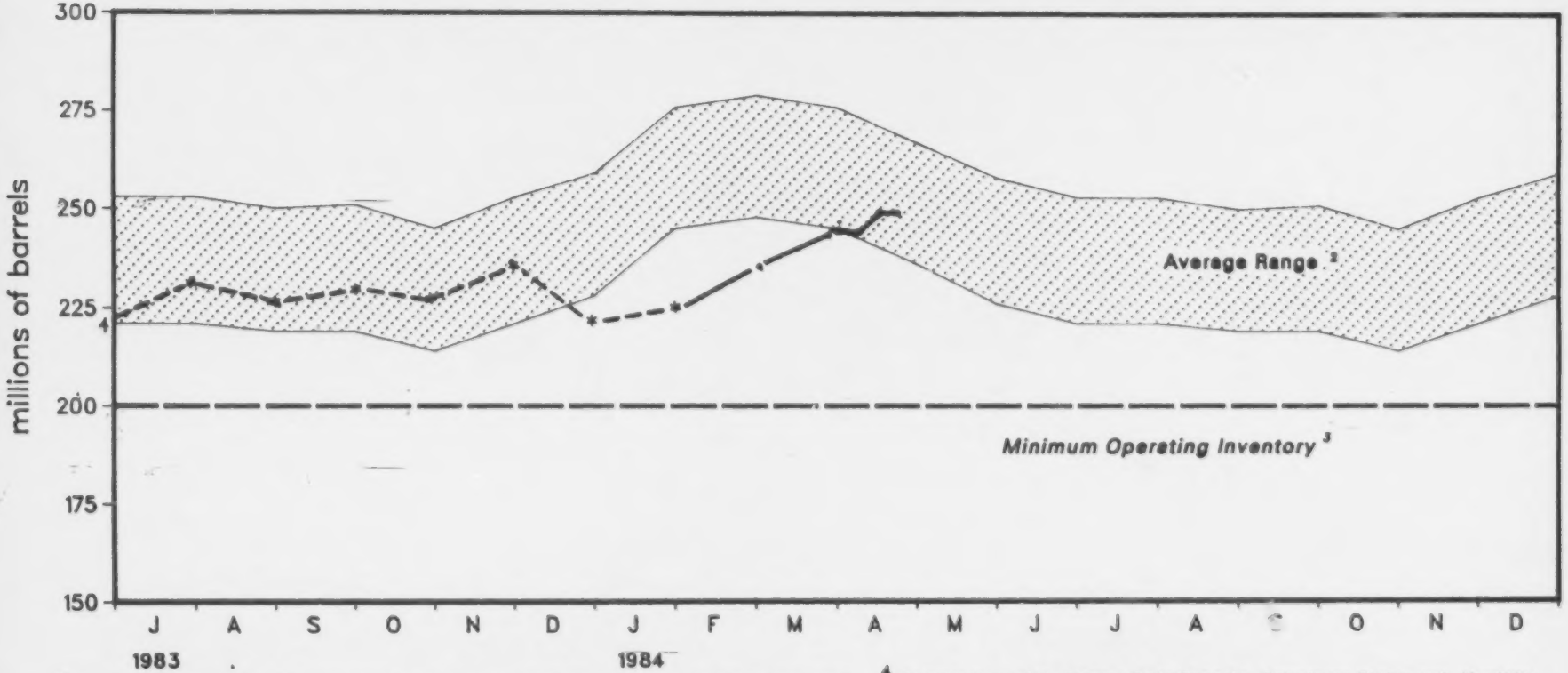
[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Week Ended April 20, 1984

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

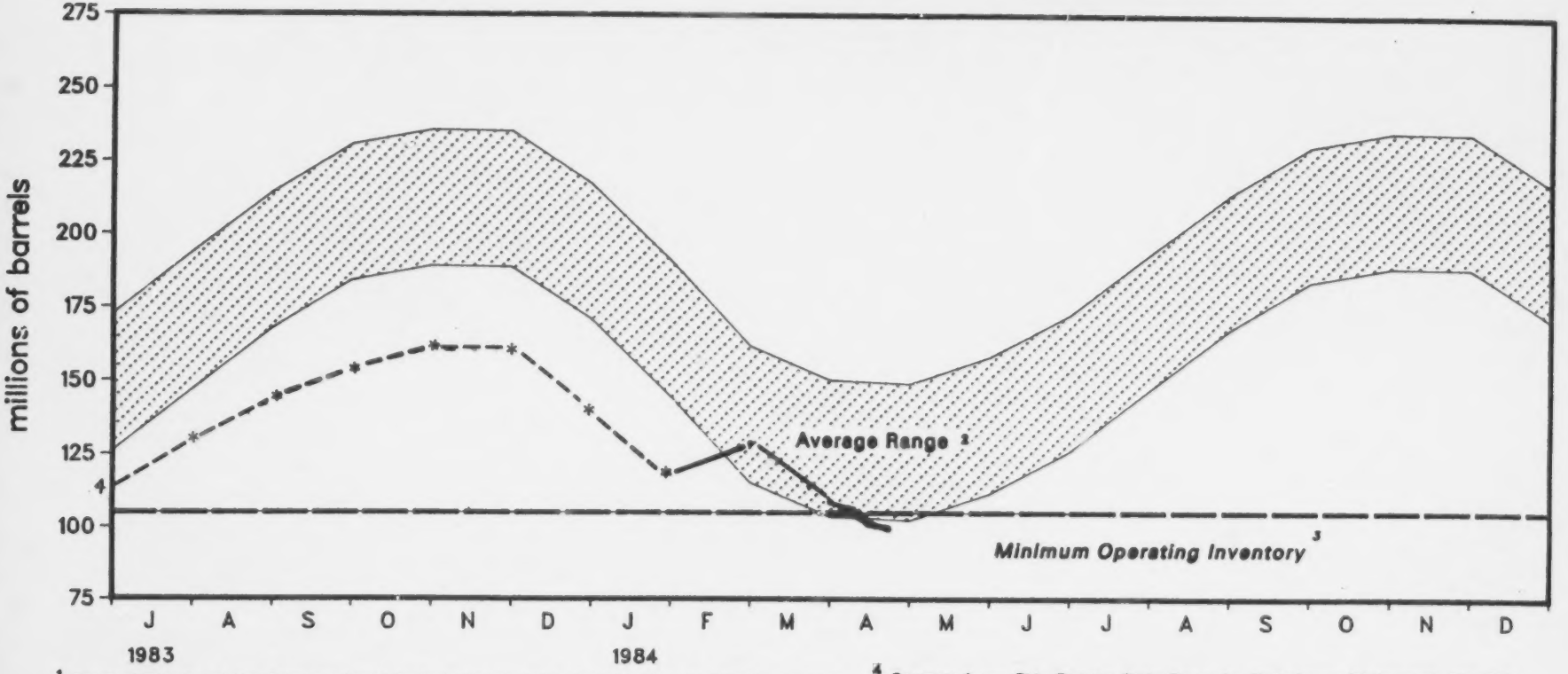
[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Week Ended April 20, 1984

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: • –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• —— API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*